| ndex of | |
|-------------|--|
| | |

| Application/Control N | 0 |
|-----------------------|---|
|-----------------------|---|

09/933,534

Examiner

Chong H. Kim

Date

Applicant(s)/Patent under Reexamination

GRILLI ET AL.

Art Unit

3682

| 1 | Rejected |
|---|----------|
| - | Allannad |

| | (Through numeral) Cancelled | | | | |
|---|--------------------------------|--|--|--|--|
| ÷ | Restricted | | | | |

Claim

| Z | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| o | Objected |

| | | <u> </u> | <u> </u> | | | | J | | L | <u> </u> | | |
|--|----------------------------|----------------------|--------------|----------|--|----------|--|--|----------|-----------------|--|--|
| CI | aim | Dott | | | | | | | | | | |
| Cli | 1111 | | | | | | | | | | | |
| Final | Original | 4 10/25/06 | | | | | | | | | | |
| - | 1 | V | ┢╌ | H | ┢ | ⊢ | - | ├ | ╁── | \vdash | | |
| | 2 | \vdash | \vdash | ┢ | | ┢ | ╁ | \vdash | \vdash | Н | | |
| | 3 | 1 | | | 1 | 1 | | | | П | | |
| | 4 | Ĺ., | | | | | | | İ | | | |
| | 1 2 3 4 5 6 | ~ | | | | | | | | | | |
| <u> </u> | 6 | \sqcup | _ | _ | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | Щ | | |
| | 7 | Н | <u> </u> | <u> </u> | ├- | ├ | <u> </u> | ⊢ | \vdash | | | |
| | 8 9 | Н | ┢ | \vdash | ├ | ┝ | - | H | <u> </u> | H | | |
| | 10 | Н | ┢ | - | ┢ | ╁ | | ┢ | ┢ | Н | | |
| | 11 | 1 | | \vdash | | \vdash | | \vdash | Ι. | \forall | | |
| | 11 12 | V | | | | | | | Ĺ | П | | |
| | 13 | | | | | | | | | | | |
| | 13 14 15 | ļΥ | <u> </u> | <u> </u> | | _ | <u> </u> | L | L | Ш | | |
| | 15 | - | | <u> </u> | | L | - | - | _ | Ш | | |
| | 16 17 18 | H | \vdash | | - | _ | \vdash | - | \vdash | Н | | |
| | 18 | ₩ | | - | ┢ | - | \vdash | - | | $\vdash\vdash$ | | |
| | 19 | Ħ | | - | | | | | | H | | |
| | 19 20 | 7 | \vdash | | | | | <u> </u> | \vdash | Н | | |
| | 21 22 23 | | | | | | | | | | | |
| | 22 | П | | · | | | | | | | | |
| | 23 | 1 | <u> </u> | | | _ | | L | | Ш | | |
| | 24 25 | ${oldsymbol{arphi}}$ | <u> </u> | ļ | <u> </u> | _ | _ | | | Н | | |
| | 26 | ╁ | _ | _ | - | - | | \vdash | - | Н | | |
| | 27 | H | - | ┢ | | | - | \vdash | | Н | | |
| | 27 28 | 1 | | - | | | _ | | | | | |
| | 29 | Ė | | | Г | | | <u> </u> | | П | | |
| | 30 | | | | | | | | | | | |
| | 31 | | | | | | | | | | | |
| | 32 | _ | _ | <u> </u> | _ | _ | <u> </u> | | | Ш | | |
| | 33 34 | _ | H | _ | _ | _ | _ | ┡ | \vdash | Н | | |
| | 35 | - | H | ļ. | _ | _ | | ⊢ | - | $\vdash \vdash$ | | |
| | 36 | - | — | - | \vdash | \vdash | \vdash | - | - | | | |
| | 37 | | | _ | <u> </u> | | | <u> </u> | - | H | | |
| | 38 | | | | | | | | | П | | |
| | 38 39 | | | | | | | | | | | |
| | 40 | | | | <u> </u> | L | | L. | | Ш | | |
| L | 41 | L | | _ | ļ | \vdash | <u> </u> | <u> </u> | | \square | | |
| $\vdash\vdash$ | 42 43 | - | - | - | | <u> </u> | <u> </u> | ├- | H | Н | | |
| | 43 | \vdash | | _ | - | \vdash | - | \vdash | - | Н | | |
| - | 45 | H | | | \vdash | - | \vdash | - | \vdash | H | | |
| | 46 | | | | Т | | | | Г | H | | |
| | 47 | | | | | | | | | | | |
| | 48 | | | | | | | | | | | |
| | 49 | | | | | | | | | Ш | | |
| | 50 | | | | | | 1 | | | l i | | |

| | Jau | - | , | | | <u> </u> | aiiii | <u> </u> | | | | vau | = | | | | | ٥ | 11111 | | | | |
|---|-----|---------------|--|--|----------|----------|----------|--|--------------|--|----------|--|--------------|--|----------|----------|---|-------|------------|----------|---------------|---------------|---|
| | | | | | | Final | Original | | | | | | | | | | | Final | Original | | | | |
| | | | | | \Box | | 51 | Т | | ┢ | | | - | T | Г | | | | 101 | | | | T |
| | | - | | | П | | 51 52 | | | | | t | T | | | | | | 102 | | | | T |
| _ | | | Т | T | П | | 53 | T | | | | | | | | | | | 103 | | | | r |
| _ | | | | T | Н | | 54 | | | <u> </u> | H | T | T | | | | | | 104 | | | 一 | H |
| | | _ | | | П | | 55 | l | | ┪ | _ | ╁ | _ | | | \vdash | | | 105 | | | 一 | H |
| _ | | | T | t | П | <u> </u> | 56 | | 1 | <u> </u> | \vdash | ┢ | | | | | | | 106 | \dashv | - | \vdash | ┢ |
| | _ | | T | \vdash | \Box | | 57 | | 1 | T | <u> </u> | H | ┢ | | \vdash | - | | _ | 107 | | | \vdash | H |
| | | _ | \vdash | T | П | | 58 | | \vdash | t | \vdash | T | H | | | | | | 108 | | | H | H |
| | | | | t | \Box | | 59 | Г | | | \vdash | H | \vdash | 1 | _ | | | | 109 | | \neg | \vdash | H |
| | | | | | П | | 60 | ┰ | | | ! | ┢ | ┰ | _ | _ | | | | 110 | | \neg | | ┢ |
| | | _ | ╅ | ┢ | Н | | 61 | Г | | | | H | | | | | | | 111 | | \neg | | Н |
| | | _ | | Ė | Ħ | | 62 | \vdash | | | | | | | | | | | 112 | | \neg | | H |
| _ | | _ | | t | П | — | 63 | - | | | | | | | | | | | 113 | | _ | _ | ┢ |
| • | | | 1 | | \Box | | 64 | | _ | | | | | | | Η- | | | 114 | | \exists | Н | H |
| | Н | - | - | ┢ | H | | 65 | _ | _ | | | | | ┢┈ | - | | | | 115 | | | _ | ┢ |
| | | _ | _ | <u> </u> | H | | 66 | - | | | | \vdash | \vdash | \vdash | _ | | | | 116 | | | | t |
| | _ | | | t | П | | 67 | | | _ | _ | \vdash | | | | | | | 117 | | \neg | \vdash | t |
| | | | | | | | 68 | | | ┢ | _ | ╁ | | | | | | | 118 | \dashv | \dashv | Г | H |
| | | | | | H | - | 69 | | \vdash | - | | | \vdash | | <u> </u> | , | | | 119 | | \dashv | | t |
| | | | - | \vdash | \vdash | | 70 | | _ | | | | | | | | | | 120 | | | _ | 一 |
| - | | | | | | | 71 | ┢ | _ | | | | | | | _ | | | 121 | | | | H |
| | | | | | П | | 72 | | _ | | | | | | | _ | | | 122 | | _ | \vdash | ┢ |
| | _ | | | | П | | 73 | \vdash | | ┢ | _ | | | | | _ | | | 123 | | \neg | \neg | H |
| | | | | | П | | 74 | | | 1 | \vdash | | | | | | | | 124 | | \neg | · | T |
| | | | _ | | П | | 75 | | | | | | | | | _ | | | 125 | | \exists | | H |
| | | | | | П | | 76 | | | | | | | | | _ | | | 126 | | \dashv | | T |
| | | | | | Ħ | | 77 | | | \vdash | | | | | | | | | 126 127 | | \neg | | H |
| | | $\overline{}$ | | | H | | 78 | | | | | | | | | | | | 128 | | \neg | г | Н |
| | | | | | П | | 79 | | | | | | - | | | | | | 129 | | \neg | | Г |
| | | | | Г | П | | 80 | | | | | | | | | | l | | 130 | | \neg | $\overline{}$ | Т |
| | | | | | П | | 81 | | | | | | | | | | | | 131 | | \neg | | _ |
| | | | | | П | | 82 | | | | | | | _ | | | | | 132 | | | | Г |
| | | | | | | | 83 | | | | | Г | | | | | | | 133 | | \neg | П | Т |
| | | | | | | | 84 | | | | | | | | | | | | 134 | \neg | \neg | | _ |
| | | | | | П | | 85 | | | | | Г | T- | | | | | | 135 | | | | Г |
| | | | | | | | 86 | | | | | | | | | | | | 136 | | | | Г |
| | | | - | | | | 87 | | | | | | | | | | | | 137 | \neg | \neg | | Г |
| - | | | | | П | | 88 | | | | | | Г | | | | | | 138 | | | П | |
| | | | | | П | | 89 | | | | | | | | | | | | 139 | \neg | ╗ | | Г |
| | | | | | П | | 90 | | | | | | | | | | | | 140 | \dashv | \neg | | Г |
| | | | | | | | 91 | | | | | | | | | | Ì | | 141 | \neg | \neg | | _ |
| | | | | | | | 92 | | | | | | | | | | | | 142 | \neg | \neg | | Г |
| | | | | | | | 93 | | | | | Γ | | | | | | | 143 | | \neg | | Г |
| | | | | | | | 94 | П | | | | | | | | | | | 144 | \neg | \neg | П | Г |
| | • | | | | | | 95 | | | | | \Box | | П | П | | | | 145 | \neg | $\overline{}$ | | Г |
| | | | | П | | | 96 | П | | | | | П | | М | | | | 146 | 一 | \neg | \Box | |
| | | | | П | | | 97 | | | | | | П | П | | | | | 147 | | \neg | \exists | |
| П | | | | П | | | 98 | П | | | | Г | | П | \vdash | | | | 148 | \dashv | \neg | \neg | |
| | | | | | | | 99 | П | | | | | | | \vdash | \neg | | | 149 | 1 | \dashv | \exists | |
| | | | | | | | 100 | \Box | | П | | | | \Box | | \dashv | | | 150 | \neg | \dashv | | Г |
| | _ | | | | _ | | | | | | | | | _ | | | L | | | | | | _ |

| Cli | aim | Г | | | | Dat | | | | |
|-----------------|--|--------------|--------------|----------|--------------|--------------|----------|--------------|----------|----------|
| | | ├ | Т | Т | Τ- | | Ť | _ | Т | _ |
| Final | Original | | | | | | | | | |
| | 101 102 | | | | Γ | | | | | |
| | 102 | | _ | _ | <u> </u> | ļ | ļ | <u> </u> | <u> </u> | |
| | 103 | - | | L | ├ | ├— | - | | <u> </u> | |
| <u> </u> | 104 105 | ⊢ | ╀ | ┢ | \vdash | - | - | - | ├ | ├- |
| <u> </u> | 106 | | ┝ | \vdash | \vdash | ┝╌ | - | <u> </u> | | |
| | 107 | | H | | \vdash | H | | | - | |
| | 108 | | | | | | | | | |
| | 109 | | _ | _ | _ | | | L | | |
| | 110 | _ | _ | ⊢ | <u> </u> | <u> </u> | _ | ļ | ├_ | <u> </u> |
| | 111 112 | \vdash | ┢┈ | ⊢ | \vdash | ╁ | ┝ | ┝ | - | - |
| | 113 | - | + | - | - | | \vdash | \vdash | | H |
| | 114 | | | | | | \vdash | | | |
| | 114 115 | | | | | | | | | |
| | 116 | L | L | L | | L | L | <u> </u> | | L |
| | 117 118 | _ | \vdash | | _ | | | | | \vdash |
| | 118 | \vdash | | | - | | - | - | - | \vdash |
| | 120 | | | <u> </u> | - | | \vdash | \vdash | \vdash | |
| | 120 121 | | | | | | | | | |
| | 122 | | | | | | | | | |
| <u> </u> | 122 123 124 125 126 127 128 129 | | | Ļ | _ | | | L | L | |
| <u> </u> | 124 | _ | - | ļ. | \vdash | _ | H | | _ | |
| | 126 | ├ | + | | | - | - | ├ | H | \vdash |
| | 127 | | | | | | - | | | |
| | 128 | | | | | | | | | |
| | 129 | | | | | | | | | |
| | 130 | | L | _ | | _ | _ | | <u> </u> | <u> </u> |
| | 130 131 132 | <u> </u> | <u> </u> | _ | ļ | | <u> </u> | _ | _ | |
| <u> </u> | 133 | <u> </u> | \vdash | \vdash | - | \vdash | <u> </u> | | - | |
| \vdash | 133 134 | | \vdash | _ | | - | _ | \vdash | \vdash | H |
| | 135 | | | | | | | | | |
| | 136 | | | | | | | | | |
| | 137 | _ | _ | <u> </u> | _ | | <u> </u> | ļ | | <u> </u> |
| | 138 139 | \vdash | - | <u> </u> | ├- | <u> </u> | ├- | \vdash | - | Н |
| | 140 | | \vdash | - | \vdash | - | ┝ | \vdash | \vdash | \vdash |
| Н | 141 | | \vdash | \vdash | | \vdash | \vdash | \vdash | _ | |
| | 142 | | | | | | | | | |
| | 143 | | | | | | | | | |
| | 144 | | _ | _ | ļ., | L | | | | |
| | 145 146 | | Ŀ | \vdash | <u> </u> | <u> </u> | <u> </u> | H | | Ш |
| | 145 | - | ⊢ | _ | _ | Η. | - | H | H | Н |
| $\vdash \dashv$ | 148 | - | \vdash | | - | | | \vdash | - | Н |
| | 149 | 1 | | | | | \vdash | Н | | H |
| | 150 | | | | | | \vdash | | _ | М |